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OM nucleic - nucleic search, using sw model

Run on: June 24, 2004, 10:12:29 ; Search time 2 Seconds  
(without alignments)  
2.850 Million cell updates/sec

Title: US-09-817-538-2  
Perfect score: 1611  
Sequence: 1 atgtctgggtctctgccg.....tcctcacgtttctttccc 1611

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 0.5

Searched: 108 seqs, 1769 residues

Total number of hits satisfying chosen parameters: 216

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 108 summaries

Database : rni2.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query		DB	ID	Description
		Match	Length			
C 1	16.4	1.0	20	1	US-08-250-856A-27	Sequence 27, Appl
C 2	16.4	1.0	20	1	US-08-468-037A-13	Sequence 13, Appl
C 3	16.4	1.0	20	1	US-08-471-973A-13	Sequence 13, Appl
C 4	16.4	1.0	20	1	US-08-756-806A-27	Sequence 27, Appl
C 5	16.4	1.0	20	1	US-08-465-880-13	Sequence 13, Appl
C 6	16.4	1.0	20	1	US-09-035-357-13	Sequence 13, Appl
C 7	16.4	1.0	20	1	US-09-143-214-27	Sequence 27, Appl
C 8	16.4	1.0	20	1	US-09-000-136-13	Sequence 13, Appl
C 9	16.4	1.0	20	1	US-09-135-202-13	Sequence 13, Appl
C 10	16.4	1.0	20	1	US-09-506-073-28	Sequence 28, Appl
C 11	16.4	1.0	20	1	US-08-802-331-13	Sequence 13, Appl
C 12	16.4	1.0	20	1	US-09-389-283-13	Sequence 13, Appl
C 13	16.4	1.0	20	1	PCT-US95-07111A-27	Sequence 27, Appl
C 14	15.4	1.0	18	1	US-09-255-912-44	Sequence 44, Appl
C 15	15.4	1.0	18	1	US-09-422-978-5052	Sequence 5052, Ap
C 16	14.8	0.9	18	1	US-08-530-492-60	Sequence 60, Appl
C 17	14.8	0.9	18	1	US-08-282-197C-14	Sequence 14, Appl
C 18	14.8	0.9	18	1	US-08-906-517-60	Sequence 60, Appl
C 19	14.8	0.9	18	1	US-09-522-217-23	Sequence 23, Appl
C 20	14.8	0.9	18	1	US-09-404-641-22	Sequence 22, Appl
C 21	14.8	0.9	18	1	US-09-404-641-39	Sequence 39, Appl
C 22	14.8	0.9	18	1	US-09-923-246-23	Sequence 23, Appl
C 23	14.8	0.9	18	1	US-10-295-723-23	Sequence 23, Appl
C 24	14.4	0.9	16	1	US-09-313-942-3	Sequence 3, Appli
C 25	14.4	0.9	16	1	US-09-371-772B-5827	Sequence 5827, Ap
C 26	14.4	0.9	17	1	US-09-371-772B-4754	Sequence 4754, Ap
C 27	14.4	0.9	17	1	US-09-866-108A-971	Sequence 971, App
C 28	14.4	0.9	17	1	US-09-866-108A-972	Sequence 972, App
C 29	14.4	0.9	18	1	US-08-943-087-4	Sequence 4, Appli
C 30	14.4	0.9	18	1	US-09-207-388-46	Sequence 46, Appl
C 31	14.4	0.9	18	1	US-09-422-978-4102	Sequence 4102, Ap
C 32	14.4	0.9	18	1	US-09-422-978-9179	Sequence 9179, Ap
C 33	14.4	0.9	18	1	US-09-861-779-4	Sequence 4, Appli

C 34	13.8	0.9	17	1	US-09-021-701-66	Sequence 66, Appl
C 35	13.8	0.9	17	1	US-08-584-040-2402	Sequence 2402, Ap
C 36	13.8	0.9	17	1	US-08-584-040-5756	Sequence 5756, Ap
C 37	13.8	0.9	17	1	US-08-679-645-117	Sequence 117, App
C 38	13.8	0.9	17	1	US-09-371-772B-947	Sequence 947, App
C 39	13.8	0.9	17	1	US-09-371-772B-2635	Sequence 2635, Ap
C 40	13.8	0.9	17	1	US-09-371-772B-4755	Sequence 4755, Ap
C 41	13.8	0.9	17	1	US-09-371-772B-4756	Sequence 4756, Ap
C 42	13.8	0.9	17	1	US-09-371-772B-4757	Sequence 4757, Ap
C 43	13.8	0.9	17	1	US-09-371-772B-4758	Sequence 4758, Ap
C 44	13.8	0.9	17	1	US-09-371-772B-5394	Sequence 5394, Ap
C 45	13.8	0.9	17	1	US-09-866-108A-6562	Sequence 6562, Ap
C 46	13.8	0.9	17	1	US-09-866-108A-7084	Sequence 7084, Ap
C 47	13.8	0.9	17	1	US-09-866-108A-8667	Sequence 8667, Ap
C 48	13.8	0.9	17	1	US-09-866-108A-8668	Sequence 8668, Ap
C 49	13.8	0.9	17	1	5240847-22	Patent No. 5240847
C 50	13.4	0.8	16	1	US-08-181-664-19	Sequence 19, Appl
C 51	13.4	0.8	16	1	US-09-479-005A-135	Sequence 135, App
C 52	13	0.8	14	1	US-08-411-020-7	Sequence 7, Appli
C 53	13	0.8	14	1	US-08-410-779B-160	Sequence 160, App
C 54	13	0.8	14	1	US-08-410-779B-161	Sequence 161, App
C 55	13	0.8	14	1	PCT-US95-04477-160	Sequence 160, App
C 56	13	0.8	14	1	PCT-US95-04477-161	Sequence 161, App
C 57	13	0.8	15	1	US-08-291-932A-258	Sequence 258, App
C 58	13	0.8	15	1	US-08-363-240A-225	Sequence 225, App
C 59	13	0.8	15	1	US-08-363-240A-226	Sequence 226, App
C 60	13	0.8	15	1	US-08-952-597-2	Sequence 2, Appli
C 61	13	0.8	15	1	US-08-952-597-5	Sequence 5, Appli
C 62	13	0.8	15	1	US-09-081-646-373	Sequence 373, App
C 63	13	0.8	16	1	US-08-486-421-27	Sequence 27, Appl
C 64	13	0.8	16	1	US-08-470-911-27	Sequence 27, Appl
C 65	13	0.8	16	1	US-08-486-809-27	Sequence 27, Appl
C 66	13	0.8	16	1	US-07-792-600-27	Sequence 27, Appl
C 67	13	0.8	16	1	US-09-157-021-27	Sequence 27, Appl
C 68	13	0.8	16	1	US-09-156-842-27	Sequence 27, Appl
C 69	13	0.8	16	1	US-09-591-514-27	Sequence 27, Appl
C 70	12.8	0.8	16	1	US-08-856-141-22	Sequence 22, Appl
C 71	12.8	0.8	16	1	US-09-094-714A-52	Sequence 52, Appl
C 72	12.8	0.8	16	1	US-09-495-140-22	Sequence 22, Appl
C 73	12.8	0.8	16	1	US-09-507-345A-11	Sequence 11, Appl
C 74	12.8	0.8	16	1	US-09-506-286B-35	Sequence 35, Appl
C 75	12.8	0.8	16	1	US-09-739-928-11	Sequence 11, Appl
C 76	12.8	0.8	16	1	US-09-371-772B-5988	Sequence 5988, Ap
C 77	12.8	0.8	16	1	US-09-762-861B-35	Sequence 35, Appl
C 78	12.8	0.8	16	1	US-10-065-133A-35	Sequence 35, Appl
C 79	12.4	0.8	14	1	US-08-242-664-16	Sequence 16, Appl
C 80	12.4	0.8	14	1	US-08-484-138-16	Sequence 16, Appl
C 81	12.4	0.8	14	1	US-09-548-880B-4	Sequence 4, Appli
C 82	12.4	0.8	14	1	PCT-US95-06379-16	Sequence 16, Appl
C 83	12.4	0.8	15	1	US-08-311-760A-33	Sequence 33, Appl
C 84	12.4	0.8	15	1	US-08-311-760A-34	Sequence 34, Appl
C 85	12.4	0.8	15	1	US-08-291-932A-281	Sequence 281, App
C 86	12.4	0.8	15	1	US-08-363-240A-14	Sequence 14, Appl
C 87	12.4	0.8	15	1	US-08-774-310-33	Sequence 33, Appl
C 88	12.4	0.8	15	1	US-08-774-310-34	Sequence 34, Appl
C 89	12.4	0.8	15	1	US-08-718-904-70	Sequence 70, Appl
C 90	12.4	0.8	15	1	US-09-275-850-16	Sequence 16, Appl
C 91	12.4	0.8	15	1	US-09-081-646-130	Sequence 130, App
C 92	12.4	0.8	15	1	US-09-081-646-863	Sequence 863, App
C 93	12.4	0.8	15	1	US-09-449-249-70	Sequence 70, Appl
C 94	12.4	0.8	15	1	US-07-868-539C-13	Sequence 13, Appl
C 95	12.4	0.8	15	1	PCT-US95-10973A-46	Sequence 46, Appl
C 96	12	0.7	12	1	US-08-173-489C-23	Sequence 23, Appl
C 97	12	0.7	12	1	US-08-173-489C-86	Sequence 86, Appl
C 98	12	0.7	13	1	US-09-216-584-25	Sequence 25, Appl
C 99	12	0.7	13	1	US-09-874-601-38	Sequence 38, Appl
C 100	12	0.7	15	1	US-08-292-620A-63	Sequence 63, Appl
C 101	12	0.7	15	1	US-08-292-620A-64	Sequence 64, Appl
C 102	12	0.7	15	1	US-08-585-684B-1224	Sequence 1224, Ap
C 103	12	0.7	15	1	US-09-071-845-63	Sequence 63, Appl
C 104	12	0.7	15	1	US-09-071-845-64	Sequence 64, Appl
C 105	12	0.7	15	1	US-09-038-073-1224	Sequence 1224, Ap
C 106	12	0.7	15	1	US-09-275-850-27	Sequence 27, Appl

C 107 12 0.7 15 1 US-08-584-040-8484 Sequence 8484, Ap  
C 108 12 0.7 15 1 US-09-371-772B-4138 Sequence 4138, Ap

ALIGNMENTS

RESULT 1  
US-08-250-856A-27/c  
; Sequence 27, Application US/08250856A  
; Patent No. 5563255  
; GENERAL INFORMATION:  
; APPLICANT: Monia, Brett P. and Boggs, Russell T.  
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation  
; TITLE OF INVENTION: of raf Gene Expression  
; NUMBER OF SEQUENCES: 39  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 210 Lake Drive East, Suite 201  
; CITY: Cherry Hill  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08002  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/250,856A  
; FILING DATE: May 31, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0094  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 779-8488  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-08-250-856A-27

Query Match 1.0%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 13;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1507 AGGAGGAGAGCCAGAG 1524  
Db 19 AGGAGGAGAGCCAGCAG 2

RESULT 2  
US-08-468-037A-13/c  
; Sequence 13, Application US/08468037A  
; Patent No. 5859221  
; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook  
; APPLICANT: A. Kawasaki  
; TITLE OF INVENTION: 2'-Modified Oligonucleotides  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5859221ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia

STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 Kb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/468,037A  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 835,932  
FILING DATE: 05-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucci  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-2004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-468-037A-13

Query Match 1.0%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 13;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1507 AGGAGGAGAGCCAGAG 1524  
Db 19 AGGAGGAGAGCCAGCAG 2

RESULT 3  
US-08-471-973A-13/c  
; Sequence 13, Application US/08471973A  
; Patent No. 5872232  
; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook  
; APPLICANT: Andrew Kawasaki  
; TITLE OF INVENTION: Sugar Modified Oligonucleotides  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5872232ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 Kb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/471,973A  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 835,932  
FILING DATE: 05-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucci  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-2005  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-471-973A-13

Query Match 1.0%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 13;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1507 AGGAGGAGAGCCAGAG 1524  
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Db 19 AGGAGGAGAGCCAGCAG 2

RESULT 4

US-08-756-806A-27/c  
Sequence 27, Application US/08756806A  
Patent No. 5952229  
GENERAL INFORMATION:

APPLICANT: Monia, Brett P. and Boggs, Russell T.  
TITLE OF INVENTION: Antisense Oligonucleotide Modulation  
TITLE OF INVENTION: of raf Gene Expression  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/756.806A

FILING DATE: No. 5952229ember 26, 1996

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/07111

FILING DATE: May 31, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/250,856

FILING DATE: May 31, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0200

TELECOMMUNICATION INFORMATION:

TELEPHONE: (609) 779-2400

TELEFAX: (609) 810-1454

INFORMATION FOR SEQ ID NO: 27:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

US-08-756-806A-27

Query Match 1.0%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 13;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1507 AGGAGGAGAGCCAGAG 1524  
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Db 19 AGGAGGAGAGCCAGCAG 2

RESULT 5

US-08-465-880-13/c  
Sequence 13, Application US/08465880  
Patent No. 5955589  
GENERAL INFORMATION:

APPLICANT: Phillip Dan Cook

TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides

NUMBER OF SEQUENCES: 28

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5955589ris

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: U.S.A.

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch disk, 720 Kb

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/465,880

FILING DATE: Herewith

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 244,993

FILING DATE: 21-JUN-1994

ATTORNEY/AGENT INFORMATION:

NAME: Joseph Lucci

REGISTRATION NUMBER: 33,307

REFERENCE/DOCKET NUMBER: ISIS-2002

TELECOMMUNICATION INFORMATION:

TELEPHONE: 215-568-3100

TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

ANTI-SENSE: yes

US-08-465-880-13

Query Match 1.0%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 13;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1507 AGGAGGAGAGCCAGAG 1524  
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Db 19 AGGAGGAGAGCCAGCAG 2

RESULT 6

US-09-035-357-13/c  
Sequence 13, Application US/09035357  
Patent No. 6005087  
GENERAL INFORMATION:

APPLICANT: Phillip Dan Cook

APPLICANT: A. Kawasaki

TITLE OF INVENTION: 2'-Modified Oligonucleotides

NUMBER OF SEQUENCES: 37

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6005087ris

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia

STATE: PA

COUNTRY: U.S.A.

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch disk, 720 Kb

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/035,357  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/468,037  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucci  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-2004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-09-035-357-13

Query Match 1.0%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 13;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1507 AGGAGGAGAGCCAGAG 1524  
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Db 19 AGGAGGAGAGCCAGCAG 2

RESULT 7  
US-09-143-214-27/c  
; Sequence 27, Application US/09143214  
; Patent No. 6090626  
; GENERAL INFORMATION:  
; APPLICANT: Monia, Brett P. and Boggs, Russell T.  
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation  
; TITLE OF INVENTION: of raf Gene Expression  
; NUMBER OF SEQUENCES: 65  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/143,214  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/756,806  
; FILING DATE: No. 6090626ember 26, 1996  
; APPLICATION NUMBER: PCT/US95/07111  
; FILING DATE: May 31, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/250,856  
; FILING DATE: May 31, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0200  
; TELECOMMUNICATION INFORMATION:

TELEPHONE: (609) 779-2400  
TELEFAX: (609) 810-1454  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-143-214-27

Query Match 1.0%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 13;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1507 AGGAGGAGAGCCAGAG 1524  
| | | | | | | | | | | | | | | | | |  
Db 19 AGGAGGAGAGCCAGCAG 2

RESULT 8  
US-09-000-136-13/c  
; Sequence 13, Application US/09000136  
; Patent No. 6096720  
; GENERAL INFORMATION:  
; APPLICANT: Love, William G  
; APPLICANT: Sharman, Thomas  
; APPLICANT: Phillips, Judith A  
; APPLICANT: Nicklin, Paul L  
; APPLICANT: Hamilton, Karen O  
; TITLE OF INVENTION: Liposomal Oligonucleotide Compositions  
; FILE REFERENCE: 4-20536/A/MA 2112  
; CURRENT APPLICATION NUMBER: US/09/000,136  
; CURRENT FILING DATE: 1998-04-23  
; EARLIER APPLICATION NUMBER: GB 9515743.4  
; EARLIER FILING DATE: 1995-08-01  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 13  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide  
; OTHER INFORMATION: oligonucleotide has uniform phosphorothiate  
; OTHER INFORMATION: backbone and nucleotides 10-20 are substituted by  
; OTHER INFORMATION: methoxy at the 2' position of the sugar moiety  
US-09-000-136-13

Query Match 1.0%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 13;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1507 AGGAGGAGAGCCAGAG 1524  
| | | | | | | | | | | | | | | | | |  
Db 19 AGGAGGAGAGCCAGCAG 2

RESULT 9  
US-09-135-202-13/c  
; Sequence 13, Application US/09135202  
; Patent No. 6399754  
; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook  
; APPLICANT: Andrew Kawasaki  
; TITLE OF INVENTION: Sugar Modified Oligonucleotides  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6399754ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA

;  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 720 Kb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/135,202  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/471,973  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Joseph Lucci  
; REGISTRATION NUMBER: 33,307  
; REFERENCE/DOCKET NUMBER: ISIS-2005  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; ANTI-SENSE: yes  
US-09-135-202-13

Query Match 1.0%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 13;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1507 AGGAGGAGAGCCAGAG 1524  
Db 19 AGGAGGAGAGCCAGCAG 2

RESULT 10  
US-09-506-073-28/c  
; Sequence 28, Application US/09506073  
; Patent No. 6410518  
; GENERAL INFORMATION:  
; APPLICANT: Monia, Brett P.  
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/09/506,073  
; CURRENT FILING DATE: 2000-02-18  
; EARLIER APPLICATION NUMBER: US 09/143,214  
; EARLIER FILING DATE: 1998-08-28  
; EARLIER APPLICATION NUMBER: PCT/US98/13961  
; EARLIER FILING DATE: 1998-07-06  
; EARLIER APPLICATION NUMBER: US 08/888,982  
; EARLIER FILING DATE: 1997-07-07  
; EARLIER APPLICATION NUMBER: US 08/756,806  
; EARLIER FILING DATE: 1996-11-26  
; EARLIER APPLICATION NUMBER: PCT/US95/07111  
; EARLIER FILING DATE: 1995-05-31  
; EARLIER APPLICATION NUMBER: US 08/250,856  
; EARLIER FILING DATE: 1994-05-31  
; NUMBER OF SEQ ID NOS: 130  
; SEQ ID NO 28  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; OTHER INFORMATION: antisense sequence  
US-09-506-073-28

Query Match 1.0%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 13;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1507 AGGAGGAGAGCCAGAG 1524  
Db 19 AGGAGGAGAGCCAGCAG 2

RESULT 11  
US-08-802-331-13/c  
; Sequence 13, Application US/08802331  
; Patent No. 6451991  
; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip D.  
; APPLICANT: Monia, Brett  
; APPLICANT: Martin, Pierre  
; APPLICANT: Altman, Karl-Heinz  
; TITLE OF INVENTION: Sugar-Modified Gapped Oligonucleotides  
; FILE REFERENCE: ISNO0083  
; CURRENT APPLICATION NUMBER: US/08/802,331  
; CURRENT FILING DATE: 1997-02-11  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 13  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: No. 6451991el Sequence  
US-08-802-331-13

Query Match 1.0%; Score 16.4; DB 1; Length 20;  
Best Local Similarity 94.4%; Pred. No. 13;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1507 AGGAGGAGAGCCAGAG 1524  
Db 19 AGGAGGAGAGCCAGCAG 2

RESULT 12  
US-09-389-283-13/c  
; Sequence 13, Application US/09389283  
; Patent No. 6531584  
; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook  
; APPLICANT: A. Kawasaki  
; TITLE OF INVENTION: 2'-Modified Oligonucleotides  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6531584ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 720 Kb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/389,283  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/035,357  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Joseph Lucci  
; REGISTRATION NUMBER: 33,307  
; REFERENCE/DOCKET NUMBER: ISIS-2004  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439



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; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 20 bases
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   ANTI-SENSE: yes
US-09-389-283-13

Query Match          1.0%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 13;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1507 AGGAGGAGAGCCAGAG 1524
Db 19 AGGAGGAGAGCCAGCAG 2

RESULT 13
PCT-US95-07111A-27/c
; Sequence 27, Application PC/TUS9507111A
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of raf Gene Expression
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07111A
; FILING DATE: May 31, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0135
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 20
;   TYPE: Nucleic Acid
;   STRANDEDNESS: Single
;   TOPOLOGY: Linear
;   ANTI-SENSE: yes
PCT-US95-07111A-27

Query Match          1.0%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 13;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1507 AGGAGGAGAGCCAGAG 1524
Db 19 AGGAGGAGAGCCAGCAG 2

RESULT 14
US-09-255-912-44/c
; Sequence 44, Application US/09255912
```

```
; Patent No. 6037142
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD2 EXPRESSION
; FILE REFERENCE: RTS-0044
; CURRENT APPLICATION NUMBER: US/09/255,912
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-912-44

Query Match          1.0%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 16;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1557 TGAATGGACCTCTCCAG 1573
Db 18 TGAATGGACCTCTACAG 2

RESULT 15
US-09-422-978-5052/c
; Sequence 5052, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5052
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-20549 for SEQ 1118,
US-09-422-978-5052

Query Match          1.0%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 16;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1469 AGAGGAGAGAAAGGAA 1485
Db 17 AGAGGAGAGAAATGGAA 1

RESULT 16
US-08-530-492-60/c
; Sequence 60, Application US/08530492
; Patent No. 5689052
; GENERAL INFORMATION:
; APPLICANT: Brown, Sherri M.
; APPLICANT: Dean, Duff A.
; APPLICANT: Fromm, Michael E.
; APPLICANT: Sanders, Patricia R.
```

; TITLE OF INVENTION: Synthetic DNA Sequences Having Enhanced
; TITLE OF INVENTION: Expression in Monocotyledonous Plants and Method For
; TITLE OF INVENTION: Preparation Thereof
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dennis R. Hoerner, Jr., Monsanto Co. BB4F
; STREET: 700 Chesterfield Parkway No. 5689052th
; CITY: St. Louis
; STATE: Missouri
; COUNTRY: USA
; ZIP: 63198
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/530,492
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/172,333
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Hoerner Jr., Dennis R.
; REGISTRATION NUMBER: 30,914
; REFERENCE/DOCKET NUMBER: 38-21(10605)A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (314)537-6099
; TELEFAX: (314)537-6047
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; US-08-530-492-60
;
; Query Match 0.9%; Score 14.8; DB 1; Length 18;
; Best Local Similarity 88.9%; Pred. No. 21;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 646 ATGGTGACGGCGTGAAG 663
Db 18 ATGGTGCGCGGTGAAG 1
;
RESULT 17
US-08-282-197C-14/c
; Sequence 14, Application US/08282197C
; Patent No. 5871730
; GENERAL INFORMATION:
; APPLICANT: Brzezinski, Ryszard
; APPLICANT: Dery, Claude V
; APPLICANT: Beaulieu, Carole
; TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and
; NUMBER OF SEQUENCES: 67
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Ave., NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/282,197C

; FILING DATE: 29-JUL-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Cimbala, Michele A
; REGISTRATION NUMBER: 33,851
; REFERENCE/DOCKET NUMBER: 1050.0410000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2600
; TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
; US-08-282-197C-14
;
; Query Match 0.9%; Score 14.8; DB 1; Length 18;
; Best Local Similarity 88.9%; Pred. No. 21;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 689 CATGACTGTGTCCTTTCA 706
Db 18 CATGGCTGTGCCCTTTCA 1
;
RESULT 18
US-08-906-517-60/c
; Sequence 60, Application US/08906517
; Patent No. 6180774
; GENERAL INFORMATION:
; APPLICANT: Brown, Sherri M.
; APPLICANT: Dean, Duff A.
; APPLICANT: Fromm, Michael E.
; APPLICANT: Sanders, Patricia R.
; TITLE OF INVENTION: Synthetic DNA Sequences Having Enhanced
; TITLE OF INVENTION: Expression in Monocotyledonous Plants and Method For
; TITLE OF INVENTION: Preparation Thereof
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/906,517
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kitchell, Barbara S.
; REGISTRATION NUMBER: 33,928
; REFERENCE/DOCKET NUMBER: MOBT:170
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512-418-3000
; TELEFAX: 512-474-7577
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-906-517-60
;
; Query Match 0.9%; Score 14.8; DB 1; Length 18;
; Best Local Similarity 88.9%; Pred. No. 21;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY      646 ATGGTGACGGCGTGAAG 663
Db      18 ATGGTGGCGGCGTCGAAG 1

RESULT 19
US-09-522-217-23
; Sequence 23, Application US/09522217
; Patent No. 6307024
; GENERAL INFORMATION:
; APPLICANT: No. 6307024ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/522,217
; CURRENT FILING DATE: 2000-03-09
; EARLIER APPLICATION NUMBER: US 60/123,547
; EARLIER FILING DATE: 1999-03-09
; EARLIER APPLICATION NUMBER: US 60/123,904
; EARLIER FILING DATE: 1999-03-11
; EARLIER APPLICATION NUMBER: US 60/142,013
; EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC19954
US-09-522-217-23

      Query Match      0.9%; Score 14.8; DB 1; Length 18;
      Best Local Similarity 88.9%; Pred. No. 21;
      Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      511 ATGGGCTGGGGCCTGC 528
Db      1 ACTGGGCTGGGGGACTGC 18

RESULT 20
US-09-404-641-22
; Sequence 22, Application US/09404641
; Patent No. 6576744
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: No. 6576744ak, Julia E.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11
; FILE REFERENCE: 98-55
; CURRENT APPLICATION NUMBER: US/09/404,641
; CURRENT FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: US 60/100,896
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: US 60/123,546
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/142,574
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC19954
US-09-404-641-22

      Query Match      0.9%; Score 14.8; DB 1; Length 18;
      Best Local Similarity 88.9%; Pred. No. 21;
      Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      511 ATGGGCTGGGGCCTGC 528
Db      1 ACTGGGCTGGGGGACTGC 18

RESULT 21
US-09-404-641-39
; Sequence 39, Application US/09404641
; Patent No. 6576744
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Conklin, Darrell C.
; APPLICANT: No. 6576744ak, Julia E.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11
; FILE REFERENCE: 98-55
; CURRENT APPLICATION NUMBER: US/09/404,641
; CURRENT FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: US 60/100,896
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: US 60/123,546
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/142,574
; PRIOR FILING DATE: 1999-07-06
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC19954
US-09-404-641-39

      Query Match      0.9%; Score 14.8; DB 1; Length 18;
      Best Local Similarity 88.9%; Pred. No. 21;
      Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      511 ATGGGCTGGGGCCTGC 528
Db      1 ACTGGGCTGGGGGACTGC 18

RESULT 22
US-09-923-246-23
; Sequence 23, Application US/09923246
; Patent No. 6605272
; GENERAL INFORMATION:
; APPLICANT: No. 6605272ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923,246
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
```



```
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC19954
US-09-923-246-23

Query Match      0.9%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 21;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      511 ATTGGGCTGGGGGCTGC 528
      | | | | | | | | | | | | | |
Db      1 ACTGGGCTGGGGGACTGC 18

RESULT 23
US-10-295-723-23
; Sequence 23, Application US/10295723
; Patent No. 6686178
; GENERAL INFORMATION:
; APPLICANT: No. 6686178ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/295,723
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC19954
US-10-295-723-23

Query Match      0.9%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 21;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      511 ATTGGGCTGGGGGCTGC 528
      | | | | | | | | | | | | | |
Db      1 ACTGGGCTGGGGGACTGC 18

RESULT 24
US-09-313-942-3/c
; Sequence 3, Application US/09313942
```

```
; Patent No. 6472179
; GENERAL INFORMATION:
; APPLICANT: REGENERON PHARMACEUTICALS, INC.
; TITLE OF INVENTION: RECEPTOR BASED ANTAGONISTS, AND METHODS OF MAKING
; TITLE OF INVENTION: AND USING
; FILE REFERENCE: REG 203-A
; CURRENT APPLICATION NUMBER: US/09/313,942
; CURRENT FILING DATE: 1999-05-19
; PRIOR APPLICATION NUMBER: 09/313,942
; PRIOR FILING DATE: 1999-05-19
; PRIOR APPLICATION NUMBER: 60/101,858
; PRIOR FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Kozak sequence
US-09-313-942-3
```

```
Query Match      0.9%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 19;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      642 CACCATGGTGACGCG 657
      | | | | | | | | | | | | | |
Db      16 CACCATGGTGCGCGG 1
```

```
RESULT 25
US-09-371-772B-5827
; Sequence 5827, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5827
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5827
```

```
Query Match      0.9%; Score 14.4; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 19;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      517 CTGGGGGCTGCACCA 532
      | : | | | | | | | | | | | | | |
Db      1 CUGGGAGCCUGCACCA 16
```

```
RESULT 26
US-09-371-772B-4754
; Sequence 4754, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
```

; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4754
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4754

Query Match 0.9%; Score 14.4; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 22;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 517 CTGGGGGCGCTGCACCA 532
Db 1 CUGGGAGCCUGCACCA 16

RESULT 27
US-09-866-108A-971/c
; Sequence 971, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 971
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-371-772B-4754

Query Match 0.9%; Score 14.4; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 22;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

; ORGANISM: Homo sapiens
US-09-866-108A-971
Query Match 0.9%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 22;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 512 TTGGGCTGGGGCCTG 527
Db 17 TTGGGCTGGGGCCTG 2

RESULT 28
US-09-866-108A-972/c
; Sequence 972, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 972
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-972

Query Match 0.9%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 22;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 512 TTGGGCTGGGGCCTG 527
Db 16 TTGGGCTGGGGCCTG 1

RESULT 29
US-08-943-087-4/c
; Sequence 4, Application US/08943087
; Patent No. 5945511
; GENERAL INFORMATION:
; APPLICANT: Lok, Si

```

; APPLICANT: Kho, Choon J.
; APPLICANT: Jelmsberg, Anna C.
; APPLICANT: Adams, Robyn L.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Farrah, Theresa M.
; TITLE OF INVENTION: CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/943,087
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/803,305
; FILING DATE: 20-FEB-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Lunn, Paul G
; REGISTRATION NUMBER: 32,743
; REFERENCE/DOCKET NUMBER: 96-24C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6627
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; IMMEDIATE SOURCE:
; CLONE: ZC11107
US-08-943-087-4

```

```

Query Match      0.9%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 25;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      1455 AAAGAGAAAGACCCAG 1470
Db      17 AAAGAGAAACACCCAG 2

```

```

RESULT 30
US-09-207-388-46
; Sequence 46, Application US/09207388
; Patent No. 6497880
; GENERAL INFORMATION:
; APPLICANT: Wisniewski, Jan
; TITLE OF INVENTION: HEAT SHOCK GENES AND PROTEINS FROM
; TITLE OF INVENTION: NEISSERIA MENINGITIDIS, CANDIDA GLABRATA AND ASPERGILLUS
; TITLE OF INVENTION: FUMIGATUS
; FILE REFERENCE: 870109.411
; CURRENT APPLICATION NUMBER: US/09/207,388
; CURRENT FILING DATE: 1998-12-08
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 46
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

```

; OTHER INFORMATION: Primer Used to clone Neisseria meningitidis Hsp70
; OTHER INFORMATION: gene and to construct Neisseria meningitidis Hsp70
; OTHER INFORMATION: expression vectors
US-09-207-388-46

```

```

Query Match      0.9%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 25;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      283 AAGCCAATGCTGAGGA 298
Db      2 AAGCCAATGCCGAGGA 17

```

# RESULT 31

```

US-09-422-978-4102
; Sequence 4102, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4102
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-13273 for SEQ 168,
US-09-422-978-4102

```

```

Query Match      0.9%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 25;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      1 ATGCTCTGGGTCTCTG 16
Db      1 ATGCTCTGGTCTCTG 16

```

# RESULT 32

```

US-09-422-978-9179
; Sequence 9179, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9179
; LENGTH: 18

```

Thu Jun 24 10:30:09 2004

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```

; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-2275 for SEQ 1314, in compleme
; US-09-422-978-9179

Query Match          0.9%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 25;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1457 AGAGAAAGACCCAG 1472
Db 1 AGAGAAAGACCCAG 16

RESULT 33
US-09-861-779-4/c
; Sequence 4, Application US/09861779
; Patent No. 668648
; GENERAL INFORMATION:
; APPLICANT: Lok, Si
; APPLICANT: Kho, Choon J.
; APPLICANT: Jelmsberg, Anna C.
; APPLICANT: Adams, Robyn L.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Farrah, Theresa M.
; TITLE OF INVENTION: Class II Cytokine Receptor-7
; FILE REFERENCE: 96-24C2
; CURRENT APPLICATION NUMBER: US/09/861,779
; CURRENT FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 08/943,087
; PRIOR FILING DATE: 1997-10-02
; PRIOR APPLICATION NUMBER: 08/803,305
; PRIOR FILING DATE: 1997-02-20
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-861-779-4

Query Match          0.9%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 25;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1455 AAAGAGAAAGACCCAG 1470
Db 17 AAAGAGAAACCCAG 2

RESULT 34
US-09-021-701-66/c
; Sequence 66, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-09-021-701-66

Query Match          0.9%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 29;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 GTCTGGGGTCTCTGCC 19
Db 17 GTCTGGGTCACTGCC 1

RESULT 35
US-08-584-040-2402
; Sequence 2402, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:

```

```

; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2402:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2402

Query Match      0.9%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 29;
Matches 10; Conservative 5; Mismatches 2; Indels 2; Gaps 0;

QY 466 CAAGTGTGTGTAACCTT 482
   ||| :||: :|||||:
Db 1 CAACUGCUUUGAAACUU 17

RESULT 36
US-08-584-040-5756/c
; Sequence 5756, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5756:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```

```

; TOPOLOGY: linear
US-08-584-040-5756

Query Match      0.9%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 29;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 18 CCGCTGGTGTGCTGTC 34
   |||||
Db 17 CTGCTGGTGTGCTGTC 1

RESULT 37
US-08-679-645-117
; Sequence 117, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 117:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-679-645-117

Query Match      0.9%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 29;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
```



QY 495 ACGGACATCGCCGTGAA 511  
| | | | | : | | |  
db 1 AGUACAUCGCCGUGAA 17

RESULT 38  
US-09-371-772B-947  
; Sequence 947, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBHB00, 876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371, 772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005, 974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584, 040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 947  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-947

RESULT 39  
US-09-371-772B-2635/c  
; Sequence 2635, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2635  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-2635

```

Db      17 CTGCTGGTGATGCTGC 1
      { ||||| ||||| |||||
RESULT 40
US-09-371-772B-4755
; Sequence 4755, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for
; TITLE OF INVENTION: Levels of Vascular E
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4755
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4755

```

RESULT 41  
 US-09-371-772B-4756  
 ; Sequence 4756, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of D  
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Fa  
 ; FILE REFERENCE: MBHB00,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 4756  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 ;  
 US-09-371-772B-4756

Query Match	0.9%;	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 29;		
Matches 14;	Conservative	1;	Mismatches 2;	Indels 0;
0;			Gaps 0;	
QY	521	GGGCCTGCACCATGCAA	537	

Db 1 GAGCCUGACCAAGCAA 17

RESULT 42

US-09-371-772B-4757  
; Sequence 4757, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4757  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4757

Query Match 0.9%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 29;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 523 GCCTGCACCATGCAAG 539

Db 1 GCCUGCAACCAAGCAAG 17

RESULT 43

US-09-371-772B-4758  
; Sequence 4758, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4758  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4758

Query Match 0.9%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 29;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 524 CCTGCACCATGCAAGA 540

Db 1 CCUGCAACCAAGCAAGGA 17

RESULT 44

US-09-371-772B-5394/c  
; Sequence 5394, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5394  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5394

Query Match 0.9%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 29;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 396 GTTGGTGAGGACTGTCC 412

Db 17 GGTGGAGAGGACTGTCC 1

RESULT 45

US-09-866-108A-6562  
; Sequence 6562, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: ABOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663



```

; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8668
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8668

```

```

Query Match
Best Local Similarity 0.9%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 1502 AACCAAGGAGGAGGAGC 1518
Db 1 AGCCAAGAGGAGGAGC 17

```

```

RESULT 49
5240847-22
; Patent No. 5240847
; APPLICANT: HECKL, KONRAD; SPEVAK, WALTER; OSTERMANN, ERLINBORG;
; ZOPHEL, ANDREAS; KRISTEK, EDELTRAUD; MAURER-FOGY, INGRID;
; WICHE-CASTANON, MARIA J.; STRATOWA, CHRISTIAN; HAUPTMANN, RUDOLF
; TITLE OF INVENTION: HUMAN MANGANESE SUPEROXIDE DISMUTASE
; (HMN-SOD)
; NUMBER OF SEQUENCES: 34
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/167,261
; FILING DATE: 11-MAR-1988
; SEQ ID NO: 22
; LENGTH: 17
5240847-22

```

```

Query Match
Best Local Similarity 0.9%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 857 GGAGATGTTCCAGCCTA 873
Db 1 GGAGATGTTACAGCCCA 17

```

```

RESULT 50
US-08-181-664-19/c
; Sequence 19, Application US/08181664
; Patent No. 6025127
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION IN
; TITLE OF INVENTION: HISTOLOGIC TISSUE
; NUMBER OF SEQUENCES: 82

```

```

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/181,664
; FILING DATE: JANUARY 14, 1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-3055
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..16
US-08-181-664-19

```

```

Query Match
Best Local Similarity 0.8%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 111 ATGGCGCAGCAGCAG 125
Db 15 ATGGCGCAGCAGCGG 1

```

```

RESULT 51
US-09-479-005A-135/c
; Sequence 135, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBH00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 135
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-135

```

```

Query Match
Best Local Similarity 0.8%; Score 13.4; DB 1; Length 16;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 321 GACTACATTAAATTC 335

```





```

; REFERENCE/DOCKET NUMBER: 016-0013A.US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 550-7675
; TELEFAX: (619) 535-3906
; INFORMATION FOR SEQ ID NO: 161:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,"
; DESCRIPTION: SYNTHETIC DNA"
US-08-410-779B-161

```

```

Query Match 0.8%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 721 ACTTCCCAGGAAC 733
Db 14 ACTTCCCAGGAAC 2

```

```

RESULT 55
PCT-US95-04477-160
; Sequence 160, Application PC/TUS9504477
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS RESPONSIVE TO
; TITLE OF INVENTION: CYTOKINES AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 165
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04477
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/228,935
; FILING DATE: 14-APR-1994
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,"
; DESCRIPTION: SYNTHETIC DNA"
PCT-US95-04477-160

```

```

Query Match 0.8%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 721 ACTTCCCAGGAAC 733
Db 1 ACTTCCCAGGAAC 13

```

```

RESULT 56
PCT-US95-04477-161/c
; Sequence 161, Application PC/TUS9504477
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: DNA SPACER REGULATORY ELEMENTS RESPONSIVE TO
; TITLE OF INVENTION: CYTOKINES AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 165
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04477
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/228,935
; FILING DATE: 14-APR-1994
; INFORMATION FOR SEQ ID NO: 161:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OTHER NUCLEIC ACID,"
; DESCRIPTION: SYNTHETIC DNA"
PCT-US95-04477-161

```

```

Query Match 0.8%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 27;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 721 ACTTCCCAGGAAC 733
Db 14 ACTTCCCAGGAAC 2

```

```

RESULT 57
US-08-291-932A-258
; Sequence 258, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157

```



```

; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR BLOCKING IGE RECEPTOR
; TITLE OF INVENTION: SYNTHESIS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN, MUSERLIAN AND LUCAS,
; ADDRESSEE: L.I.P.
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version
; SOFTWARE: #1.30 (OEB)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/952,597
; FILING DATE: 21-NOV-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FR96/00785
; FILING DATE: 24-MAY-1996
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version
; SOFTWARE: #1.30 (OEB)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/952,597
; FILING DATE: 21-NOV-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FR96/00785
; FILING DATE: 24-MAY-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9510718.1
; FILING DATE: 26-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 427,009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: YES
; US-08-952-597-2

Query Match      0.8%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred.No. 32;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      853 TAATGGAGATGTT 865
Db      1 TAATGGAGATGTT 13

RESULT 61
US-08-952-597-5
; Sequence 5, Application US/08952597
; Patent No. 5892023
; GENERAL INFORMATION:
; APPLICANT: PIROTZKY, EDUARDO; COLOTE, SOUDHIR
; TITLE OF INVENTION: ANTI SENSE
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR BLOCKING IGE RECEPTOR
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIERMAN, MUSERLIAN AND LUCAS,
; ADDRESSEE: L.I.P.
; STREET: 600 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

```

```

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version
; SOFTWARE: #1.30 (OEB)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/952,597
; FILING DATE: 21-NOV-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FR96/00785
; FILING DATE: 24-MAY-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9510718.1
; FILING DATE: 26-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: CHARLES A. MUSERLIAN
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 427,009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: YES
; US-08-952-597-5

Query Match      0.8%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred.No. 32;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      853 TAATGGAGATGTT 865
Db      1 TAATGGAGATGTT 13

RESULT 62
US-09-081-646-373
; Sequence 373, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; TITLE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 373
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-081-646-373

Query Match      0.8%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred.No. 32;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      513 TGGGCTGGGGGCC 525
Db      3 TGGGCTGGGGGCC 15

RESULT 63
US-08-486-421-27

```

; Sequence 27, Application US/08486421  
; Patent No. 5672479  
; GENERAL INFORMATION:  
; APPLICANT: Johnson, Edward M.  
; APPLICANT: Bergemann, Andrew D.  
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN  
; NUMBER OF SEQUENCES: 51  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/486,421  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/470,911  
; FILING DATE: 06-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Coruzzi, Laura A.  
; REGISTRATION NUMBER: 30,742  
; REFERENCE/DOCKET NUMBER: 6923-053  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-9741/8864  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: unknown  
; MOLECULE TYPE: DNA (genomic)  
; US-08-486-421-27  
  
Query Match 0.8%; Score 13; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred.No. 36;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1383 GAGGAGGGAGAGG 1395  
Db 2 GAGGAGGGAGAGG 14  
  
RESULT 64  
US-08-470-911-27  
; Sequence 27, Application US/08470911  
; Patent No. 5756684  
; GENERAL INFORMATION:  
; APPLICANT: Johnson, Edward M.  
; APPLICANT: Bergemann, Andrew D.  
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN  
; NUMBER OF SEQUENCES: 51  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/470,911  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Coruzzi, Laura A.  
; REGISTRATION NUMBER: 30,742  
; REFERENCE/DOCKET NUMBER: 6923-053  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-9741/8864  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: unknown  
; MOLECULE TYPE: DNA (genomic)  
; US-08-470-911-27  
  
Query Match 0.8%; Score 13; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred.No. 36;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1383 GAGGAGGGAGAGG 1395  
Db 2 GAGGAGGGAGAGG 14  
  
RESULT 65  
US-08-486-809-27  
; Sequence 27, Application US/08486809  
; Patent No. 5869622  
; GENERAL INFORMATION:  
; APPLICANT: Johnson, Edward M.  
; APPLICANT: Bergemann, Andrew D.  
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN  
; NUMBER OF SEQUENCES: 51  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/486,809  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/470,911  
; FILING DATE: 06-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Coruzzi, Laura A.  
; REGISTRATION NUMBER: 30,742  
; REFERENCE/DOCKET NUMBER: 6923-053  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-9741/8864  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 27:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: unknown  
; MOLECULE TYPE: DNA (genomic)

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US-08-486-809-27
Query Match      0.8%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1383 GAGGAGGGAGAGG 1395
Db 2 GAGGAGGGAGAGG 14

RESULT 66
US-07-792-600-27/c
; Sequence 27, Application US/07792600
; Patent No. 6008045
; GENERAL INFORMATION:
; APPLICANT: COPELAND, WILLIAM C.
; APPLICANT: WANG, TERESA S. F.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
; TITLE OF INVENTION: TEMPLATE-DEPENDENT ENZYMATIC SYNTHESIS OF NUCLEIC ACID
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Peter G. Carroll
; STREET: 220 Montgomery Street, Suite 710
; CITY: San Francisco
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/792,600
; FILING DATE: 19911115
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: STDU-00097
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-792-600-27

Query Match      0.8%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 12 CTCTGCCCGCTGG 24
Db 16 CTCTGCCCGCTGG 4

RESULT 67
US-09-157-021-27/c
; Sequence 27, Application US/09157021A
; Patent No. 6100023
; GENERAL INFORMATION:
; APPLICANT: Copeland, William C.
; APPLICANT: Wang, Teresa S. F.
; TITLE OF INVENTION: Drug Design Assay
; FILE REFERENCE: STDU-03484
; CURRENT APPLICATION NUMBER: US/09/157,021A
; PRIOR FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 07/792,600

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; EARLIER FILING DATE: 1991-11-15
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 27
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-157-021-27

Query Match      0.8%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 12 CTCTGCCCGCTGG 24
Db 16 CTCTGCCCGCTGG 4

RESULT 68
US-09-156-842-27/c
; Sequence 27, Application US/09156842A
; Patent No. 6103473
; GENERAL INFORMATION:
; APPLICANT: Copeland, William C.
; APPLICANT: Wang, Teresa S. F.
; TITLE OF INVENTION: Drug Screening
; FILE REFERENCE: STDU-03485
; CURRENT APPLICATION NUMBER: US/09/156,842A
; CURRENT FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 07/792,600
; EARLIER FILING DATE: 1991-11-15
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 27
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-156-842-27

Query Match      0.8%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 12 CTCTGCCCGCTGG 24
Db 16 CTCTGCCCGCTGG 4

RESULT 69
US-09-591-514-27/c
; Sequence 27, Application US/09591514
; Patent No. 6670161
; GENERAL INFORMATION:
; APPLICANT: Copeland, William C.
; APPLICANT: Wang, Teresa S. F.
; TITLE OF INVENTION: Drug Design Assay
; FILE REFERENCE: STDU-03484
; CURRENT APPLICATION NUMBER: US/09/591,514
; CURRENT FILING DATE: 2000-06-09
; PRIOR APPLICATION NUMBER: US/09/157,021
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 07/792,600
; PRIOR FILING DATE: 1991-11-15
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 27
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence

```



FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-591-514-27

Query Match 0.8%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 12 CTCTGCCCGCTGG 24
Db 16 CTCTGCCCGCTGG 4

RESULT 70

US-08-856-141-22
Sequence 22, Application US/08856141
Patent No. 5948616
GENERAL INFORMATION:
APPLICANT: CHAO, LEE
APPLICANT: CHAO, JULIE
TITLE OF INVENTION: METHODS AND COMPOSITIONS OF
CORRELATING TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH
TITLE OF INVENTION: CORRELATING TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH
TITLE OF INVENTION: ESSENTIAL HYPERTENSION
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street, NE
CITY: Atlanta
STATE: GA
COUNTRY: USA
ZIP: 30303
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/856,141
FILING DATE: 14-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Miller, Mary L
REGISTRATION NUMBER: 39,303
REFERENCE/DOCKET NUMBER: 19070.0045
TELECOMMUNICATION INFORMATION:
TELEPHONE: 404/688-0770
TELEFAX: 404/688-9880
TELEX:
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-856-141-22

Query Match 0.8%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 40;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1385 GGAGGGGAGGGGGGC 1400
Db 1 GGAGGGGGGGGGGGC 16

RESULT 71

US-09-094-714A-52
Sequence 52, Application US/09094714A
Patent No. 6117847
GENERAL INFORMATION:

APPLICANT: C. Frank Bennett, Nicholas M. Dean
TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF
PROTEIN KINASE C EXPRESSION
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/094,714A
FILING DATE: June 15, 1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/601,269
FILING DATE: 14-FEB-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/478,178
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/852,852
FILING DATE: 16-MAR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-2943
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-094-714A-52

Query Match 0.8%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 40;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1456 AAGAGAAAGACCCAGA 1471
Db 1 AAGAGAGAGACCCCTGA 16

RESULT 72

US-09-495-140-22
Sequence 22, Application US/09495140
Patent No. 6376182
GENERAL INFORMATION:
APPLICANT: CHAO, LEE
APPLICANT: CHAO, JULIE
APPLICANT: SONG, QING
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR CORRELATING
TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH TREATMENT
TITLE OF INVENTION: OF ESSENTIAL HYPERTENSION
FILE REFERENCE: 19113.0081
CURRENT APPLICATION NUMBER: US/09/495,140
CURRENT FILING DATE: 2000-01-31
EARLIER APPLICATION NUMBER: 09/389,566
EARLIER FILING DATE: 1999-09-03
EARLIER APPLICATION NUMBER: 08/856,141

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; EARLIER FILING DATE: 1997-05-14
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:/No. 6376182e =
; OTHER INFORMATION: synthetic construct
US-09-495-140-22

Query Match          0.8%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 40;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1385 GGAGGGAGAGGGGGC 1400
Db 1 GGAGGGGGGGGGGGC 16

RESULT 73
US-09-507-345A-11
; Sequence 11, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamper, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003500US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-507-345A-11

Query Match          0.8%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 40;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1385 GGAGGGAGAGGGGGC 1400
Db 1 GGAGGGGGGGGGGGC 16

RESULT 74
US-09-506-286B-35
; Sequence 35, Application US/09506286B
; Patent No. 6482414
; GENERAL INFORMATION:
; APPLICANT: Dowling, Patricia W.
; Youngner, Julius S.
; APPLICANT: The University of Pittsburgh, of the Commonwealth
; TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
; FILE REFERENCE: EQ-1-C2
; CURRENT APPLICATION NUMBER: US/09/506,286B
; CURRENT FILING DATE: 2000-02-16
; PRIOR APPLICATION NUMBER: 09/133,921
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: PCT/US99/18583
; PRIOR FILING DATE: 1999-08-12
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 35
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-506-286B-35

Query Match          0.8%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 40;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 556 GCTTCTGTTACGTCAA 571
Db 1 GCATCTGTTAAGTCAA 16

RESULT 75
US-09-739-928-11
; Sequence 11, Application US/09739928
; Patent No. 6486308
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamper, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370

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Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1184 CCTGGAGAAAGATCAA 1199
Db 1 CCAGCAGAAAGATCAA 16

RESULT 74
US-09-506-286B-35
; Sequence 35, Application US/09506286B
; Patent No. 6482414
; GENERAL INFORMATION:
; APPLICANT: Dowling, Patricia W.
; Youngner, Julius S.
; APPLICANT: The University of Pittsburgh, of the Commonwealth
; TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
; FILE REFERENCE: EQ-1-C2
; CURRENT APPLICATION NUMBER: US/09/506,286B
; CURRENT FILING DATE: 2000-02-16
; PRIOR APPLICATION NUMBER: 09/133,921
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: PCT/US99/18583
; PRIOR FILING DATE: 1999-08-12
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 35
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-506-286B-35

Query Match          0.8%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 40;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 556 GCTTCTGTTACGTCAA 571
Db 1 GCATCTGTTAAGTCAA 16

RESULT 75
US-09-739-928-11
; Sequence 11, Application US/09739928
; Patent No. 6486308
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamper, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370

```

```

; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-739-928-11
Query Match 0.8%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 40;
Matches 14; Conservative 0; Mismatches 2; Indels 2; Gaps 0;

QY 1184 CCTGGAGAGATCAAA 1199
Db 1 CCAGCAGAGATCAAA 16

RESULT 76
US-09-371-772B-5988
; Sequence 5988, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5988
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5988
Query Match 0.8%; Score 12.8; DB 1; Length 16;
Best Local Similarity 62.5%; Pred. No. 40;
Matches 10; Conservative 4; Mismatches 2; Indels 2; Gaps 0;

QY 466 CAAGTGTGTGAACT 481
Db 1 CAACUGCUUGAAACU 16

RESULT 77
US-09-762-861B-35
; Sequence 35, Application US/09762861B
; Patent No. 6579528
; GENERAL INFORMATION:
; APPLICANT: The University of Pittsburgh - of the Commonwealth System of Higher
```

```

; APPLICANT: Education
; APPLICANT: Dowling, Patricia W.
; APPLICANT: Youngner, Julius S.
; TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
; FILE REFERENCE: EQ-1-C1-PUS (formerly HKZ-033CPUS)
; CURRENT APPLICATION NUMBER: US/09/762,861B
; CURRENT FILING DATE: 2001-02-13
; PRIOR APPLICATION NUMBER: PCT/US99/18583
; PRIOR FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: 09/133,921
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-762-861B-35
Query Match 0.8%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 40;
Matches 14; Conservative 0; Mismatches 2; Indels 2; Gaps 0;

QY 556 GCTTCTGTACGTCAA 571
Db 1 GCATCTGTTAAGTCAA 16

RESULT 78
US-10-065-133A-35
; Sequence 35, Application US/10065133A
; Patent No. 6685946
; GENERAL INFORMATION:
; APPLICANT: Dowling, Patricia W.
; APPLICANT: Youngner, Julius S.
; TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
; FILE REFERENCE: EQ-1-C2-1
; CURRENT APPLICATION NUMBER: US/10/065,133A
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: PCT/US99/18583
; PRIOR FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: 09/133,921
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-10-065-133A-35
Query Match 0.8%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 40;
Matches 14; Conservative 0; Mismatches 2; Indels 2; Gaps 0;

QY 556 GCTTCTGTACGTCAA 571
Db 1 GCATCTGTTAAGTCAA 16

RESULT 79
US-08-242-664-16
; Sequence 16, Application US/08242664
; Patent No. 5571937
; GENERAL INFORMATION:
; APPLICANT: Watanabe, Kyoichi A.
; APPLICANT: Ren, Wu-Yun
; APPLICANT: Weil, Roger
; TITLE OF INVENTION: Complementary DNA and Toxins
```

```

; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/242,664
; FILING DATE: May 12, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 44683
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-977-9550
; TELEFAX: 212-664-0525
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-242-664-16

Query Match
Best Local Similarity 0.8%; Score 12.4; DB 1; Length 14;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1448 GGATGAAAAAGAGA 1461
Db 1 GGAGGAAAAAGAGA 14

RESULT 80
US-08-484-138-16
; Sequence 16, Application US/08484138
; Patent No. 5652350
; GENERAL INFORMATION:
; APPLICANT: Watanabe, Kyoichi A.
; APPLICANT: Ren, Wu-Yun
; APPLICANT: Weil, Roger
; TITLE OF INVENTION: Complementary DNA and Toxins
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44Mb
; COMPUTER: IBM PC
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,138
; FILING DATE: June 7, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 44683-Z/JPW/MJG
; TELECOMMUNICATION INFORMATION:

```

```

; TELEPHONE: 212-977-9550
; TELEFAX: 212-664-0525
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-484-138-16

Query Match
Best Local Similarity 0.8%; Score 12.4; DB 1; Length 14;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1448 GGATGAAAAAGAGA 1461
Db 1 GGAGGAAAAAGAGA 14

RESULT 81
US-09-548-880B-4/c
; Sequence 4, Application US/09548880B
; Patent No. 6589783
; GENERAL INFORMATION:
; APPLICANT: No. 6589783y, Robert
; APPLICANT: Monsma, Scott
; TITLE OF INVENTION: Multiple Host Expression Vector
; FILE REFERENCE: 700399.90118
; CURRENT APPLICATION NUMBER: US/09/548,880B
; CURRENT FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:translation
; OTHER INFORMATION: initiation region
; US-09-548-880B-4

Query Match
Best Local Similarity 0.8%; Score 12.4; DB 1; Length 14;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 644 CCATGGTGACGGCG 657
Db 14 CCATGGTGCGGGCG 1

RESULT 82
PCT-US95-06379-16
; Sequence 16, Application PC/TUS9506379
; GENERAL INFORMATION:
; APPLICANT: Watanabe, Kyoichi A.
; APPLICANT: Ren, Wu-Yun
; APPLICANT: Weil, Roger
; TITLE OF INVENTION: Complementary DNA and Toxins
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch 1.44Mb
; COMPUTER: IBM PC
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,138
; FILING DATE: June 7, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 44683-Z/JPW/MJG
; TELECOMMUNICATION INFORMATION:

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lacourciere538-2.rni

Thu Jun 24 10:30:09 2004

```

; APPLICATION NUMBER: PCT/US95/06379
; FILING DATE: May 13, 1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 44683-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-391-0526
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US95-06379-16

Query Match 0.8%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 36;
Matches 13; Conservative 0; Mismatches 1; Indels 1; Gaps 0;

QY 1448 GGATGAAAAAGAGA 1461
Db 1 GGAGGAAAAAGAGA 14

RESULT 83
US-08-311-760A-33
; Sequence 33, Application US/08311760A
; Patent No. 5599706
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,760A
; FILING DATE: September 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/155
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US95-06379-16

Query Match 0.8%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 36;
Matches 13; Conservative 0; Mismatches 1; Indels 1; Gaps 0;

QY 1448 GGATGAAAAAGAGA 1461
Db 1 GGAGGAAAAAGAGA 14

RESULT 84
US-08-311-760A-34
; Sequence 34, Application US/08311760A
; Patent No. 5599706
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James
; APPLICANT: Newton, Roger S.
; APPLICANT: Ramharack, Randy
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN
; NUMBER OF SEQUENCES: 392
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,760A
; FILING DATE: September 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/155
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-311-760A-34

Query Match 0.8%; Score 12.4; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 41;
Matches 9; Conservative 4; Mismatches 1; Indels 1; Gaps 0;

QY 174 TACTATTATGGACA 187
Db 2 UACCAUUAUGGACA 15

174 TACTATTATGGACA 187
1 UACCAUUAUGGACA 14
```



RESULT 85  
US-08-291-932A-281  
; Sequence 281, Application US/08291932A  
; Patent No. 5658780  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth G.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: NF-KB  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/291,932A  
; FILING DATE: August 15, 1994  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/157  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 281:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-291-932A-281

Query Match 0.8%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 78.6%; Pred. No. 41;  
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1270 ACGCCATCCCTGAG 1283  
Db 1 ACGUCAUCCUGAG 14

RESULT 86  
US-08-363-240A-14/c  
; Sequence 14, Application US/08363240A  
; Patent No. 5705388  
; GENERAL INFORMATION:  
; APPLICANT: Couture, Larry  
; APPLICANT: McSwiggen, James  
; APPLICANT: Bisgaier, Charles

Two

; APPLICANT: Pape, Michael  
; TITLE OF INVENTION: METHOD AND REAGENT FOR  
; TITLE OF INVENTION: PREVENTION, INHIBITION OF  
; TITLE OF INVENTION: PROGRESSION AND REGRESSION  
; TITLE OF INVENTION: OF VASCULAR DISEASES  
; NUMBER OF SEQUENCES: 1243  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/363,240A  
; FILING DATE: December 23, 1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 210/096  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-363-240A-14

Query Match 0.8%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 41;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 685 GGGTCATGACTGTG 698  
Db 15 GGGTCAGGACTGTG 2

RESULT 87  
US-08-774-310-33  
; Sequence 33, Application US/08774310  
; Patent No. 5877022  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Newton, Roger S.  
; APPLICANT: Ramharack, Randy  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN  
; NUMBER OF SEQUENCES: 392  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.

```

; ZIP: 90071
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774,310
; FILING DATE: December 23, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/311,760
; FILING DATE: September 23, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-774-310-33

```

```

Query Match          0.8%;      Score 12.4;  DB 1;  Length 15;
Best Local Similarity 64.3%;      Pred. No. 41;
Matches 9: Conservative 4; Mismatches 1: Indels

```

Qy 174 TACTATTATGGACA 187  
:| | | :| | | |  
nb 2 UACCAUUAUGGACA 15

RESULT 88  
 US-08-774-310-34  
 ; Sequence 34, Application US/08774310  
 ; Patent No. 5877022  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Daniel T.  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Newton, Roger S.  
 ; APPLICANT: Ramharack, Randy  
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
 ; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
 ; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
 ; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN  
 ; TITLE OF INVENTION:  
 ; NUMBER OF SEQUENCES: 392  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: FastSEQ Version 1.5  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/774,310  
 ; FILING DATE: December 23, 1996  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/311,760  
 ; FILING DATE: September 23, 1994

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 223/229  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-774-310-34

```
Query Match      0.8%;      Score 12.4;  DB 1;  Length 15;
Best Local Similarity 64.3%;      Pred. No. 41;
Matches 9;  Conservative 4;  Mismatches 1;  Indels 0;  Gaps 0;
```

QY  
174 TACTATTATGGACA 187

pB  
1 UACCAUUAUGGACA 14

RESULT 89  
US-08-718-904-70  
; Sequence 70, Application US/08718904  
; Patent No. 6037329  
; GENERAL INFORMATION:  
; APPLICANT: Baird, J. Andrew  
; APPLICANT: Chandler, Lois Ann  
; APPLICANT: Sosnowski, Barbara A.  
; TITLE OF INVENTION: COMPOSITIONS CONTAINING NUCLEOTIDE SEQUENCES  
; NUMBER OF SEQUENCES: 128  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092

Query Match 0.8%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. NO. 41;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1299 GACGAAGACGACCC 1312  
Db 1 GACGACGACGACCC 14

RESULT 90

US-09-275-850-16/c  
; Sequence 16, Application US/09275850A  
; Patent No. 6261774

; GENERAL INFORMATION:  
; APPLICANT: Pagratis, Nikos  
; APPLICANT: Gold, Larry  
; APPLICANT: Shtatland, Timur  
; APPLICANT: Javornik, Brenda  
; TITLE OF INVENTION: Truncation SELEX Method  
; FILE REFERENCE: NEX 79  
; CURRENT APPLICATION NUMBER: US/09/275,850A  
; CURRENT FILING DATE: 1999-03-24  
; NUMBER OF SEQ ID NOS: 351  
; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 16  
; LENGTH: 15  
; TYPE: RNA  
; ORGANISM: E. coli  
US-09-275-850-16

Query Match 0.8%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 41;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 CCGCTGGTGTGCTGCT 31  
Db 14 CCGCTGGTGTGCTGCT 1

RESULT 91

US-09-081-646-130  
; Sequence 130, Application US/09081646  
; Patent No. 6333152

; GENERAL INFORMATION:  
; APPLICANT: Kinzler, Kenneth  
; APPLICANT: Vogelstein, Bert  
; APPLICANT: Zhang, Lin  
; APPLICANT: Zhou, Wei  
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
; FILE REFERENCE: 01107.74664  
; CURRENT APPLICATION NUMBER: US/09/081,646  
; CURRENT FILING DATE: 1998-05-20  
; EARLIER APPLICATION NUMBER: 60/047,352  
; EARLIER FILING DATE: 1997-05-21  
; NUMBER OF SEQ ID NOS: 871  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 130  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-081-646-130

Query Match 0.8%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 41;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 421 ATGGCCTGTTTGAG 434  
Db 2 ATGGCCTGTATGAG 15

RESULT 92

US-09-081-646-863  
; Sequence 863, Application US/09081646

; Patent No. 6333152  
; GENERAL INFORMATION:  
; APPLICANT: Kinzler, Kenneth  
; APPLICANT: Vogelstein, Bert  
; APPLICANT: Zhang, Lin  
; APPLICANT: Zhou, Wei  
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
; TITLE OF INVENTION: Cancer Cells  
; FILE REFERENCE: 01107.74664

; CURRENT APPLICATION NUMBER: US/09/081,646  
; CURRENT FILING DATE: 1998-05-20  
; EARLIER APPLICATION NUMBER: 60/047,352  
; EARLIER FILING DATE: 1997-05-21  
; NUMBER OF SEQ ID NOS: 871  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 863  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-081-646-863

Query Match 0.8%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 41;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 421 ATGGCCTGTTTGAG 434  
Db 2 ATGGCCTGTATGAG 15

RESULT 93

US-09-449-249-70  
; Sequence 70, Application US/09449249  
; Patent No. 6503886

; GENERAL INFORMATION:  
; APPLICANT: Baird, J. Andrew  
; APPLICANT: Chandler, Lois Ann  
; APPLICANT: Sosnowski, Barbara A.  
; TITLE OF INVENTION: COMPOSITIONS CONTAINING NUCLEIC ACIDS AND LIGANDS FOR THERAI  
; NUMBER OF SEQUENCES: 128  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/449,249  
; FILING DATE: 24-NO. 6503886-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/718,904  
; FILING DATE: 24-SEP-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: No. 6503886tenburg Ph.D., Carol  
; REGISTRATION NUMBER: 39,317  
; REFERENCE/DOCKET NUMBER: 760100.415C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 70:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: unknown  
; MOLECULE TYPE: cDNA

```

REFERENCE/DOCKET NUMBER: 760100.413PC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..15
OTHER INFORMATION: /product= Enterokinase substrate linker
PCT-US95-10973A-46

Query Match      0.8%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 41;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1299 GACGAGACGACCC 1312
      ||||| |||||
Db      1 GACGAGACGACCC 14

RESULT 96
US-08-173-489C-23/c
; Sequence 23, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; DESCRIPTION: n-myc gene (Accession # Y00664)
; DESCRIPTION: nucleotides 7008 to 7019
; HYPOTHETICAL: NO
; ANTI-SENSE: NO

```

```

; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; AUTHORS: Ibson, J M, Rabbitts, P H.
; TITLE: Sequence of a germ-line N-myc
; Patent No. 5861244
; TITLE: gene and amplification as a mechanism of
; TITLE: activation
; JOURNAL: Oncogene
; VOLUME: 2
; PAGES: 399-402
; DATE: 1988
; RELEVANT RESIDUES IN SEQ ID NO: 23 :FROM 1 TO 12
US-08-173-489C-23

Query Match 0.7%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1387 AGGGAGAGGGGG 1398
Db 12 AGGGAGAGGGGG 1

RESULT 97
US-08-173-489C-86/c
; Sequence 86, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 bases
; TYPE: Nucleic Acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: third strand derived from
; DESCRIPTION: retinoblastoma sequence region in Seq ID No. 586124485
; HYPOTHETICAL: Yes
; ANTI-SENSE: No
; PUBLICATION INFORMATION:
; RELEVANT RESIDUES IN SEQ ID NO: 86 :FROM 1 TO 12

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```

US-08-173-489C-86

Query Match 0.7%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1470 GAGGAGAAGAAA 1481
Db 12 GAGGAGAAGAAA 1

RESULT 98
US-09-216-584-25
; Sequence 25, Application US/09216584
; Patent No. 6548657
; GENERAL INFORMATION:
; APPLICANT: Alex, Burgin
; APPLICANT: Leonid, Beigelman
; APPLICANT: Laurent, Bellon
; TITLE OF INVENTION: Method for Screening Nucleic Acid Catalysts
; FILE REFERENCE: MBH00-853-A; RPI 237/167
; CURRENT APPLICATION NUMBER: US/09/216,584
; CURRENT FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: 09/094,381
; PRIOR FILING DATE: 1998-06-09
; PRIOR APPLICATION NUMBER: 60/068,212
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/049,002
; PRIOR FILING DATE: 1997-06-09
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 25
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Accessible site within Kras transcript
US-09-216-584-25

Query Match 0.7%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 636 GATATTACCAT 647
Db 2 GATATTACCAT 13

RESULT 99
US-09-874-601-38/c
; Sequence 38, Application US/09874601
; Patent No. 6632057
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; APPLICANT: GRANT, MARIA B.
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METHODS
; FILE REFERENCE: 4300.014100
; CURRENT APPLICATION NUMBER: US/09/874,601
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/063,667
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/046,147
; PRIOR FILING DATE: 1997-05-09
; PRIOR APPLICATION NUMBER: 60/044,492
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 13
; TYPE: RNA

```



; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: ()..()  
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE  
; US-09-874-601-38

Query Match 0.7%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 37;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 534 GCAAAGAAGTCC 545  
Db 13 GCAAAGAAGTCC 2

RESULT 100  
US-08-292-620A-63  
; Sequence 63, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 63:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-292-620A-63

two

Query Match 0.7%; Score 12; DB 1; Length 15;  
Best Local Similarity 66.7%; Pred. No. 49;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1206 CTGTTTGAGAAC 1217  
Db 4 CUGUUGAGAAC 15

RESULT 101  
US-08-292-620A-64  
; Sequence 64, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-292-620A-64  
Query Match 0.7%; Score 12; DB 1; Length 15;  
Best Local Similarity 66.7%; Pred. No. 49;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1206 CTGTTTGAGAAC 1217  
Db 3 CUGUUGAGAAC 14

two

```

RESULT 102
US-08-585-684B-1224
; Sequence 1224, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1224:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-1224

```

```

Query Match 0.7%; Score 12; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 49;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;
QY 1331 CTGCTCTCTCTGA 1342
Db 3 CUGCUCUCUCUGA 14

```

```

RESULT 103
US-09-071-845-63
; Sequence 63, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION

```

```

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-63

```

```

Query Match 0.7%; Score 12; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 49;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;
QY 1206 CTGTTTGAGAAC 1217
Db 4 CUGUUUGAGAAC 15

```

```

RESULT 104
US-09-071-845-64
; Sequence 64, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles

```

STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-64

Query Match	0.7%;	Score 12;	DB 1;	Length 15;
Best Local Similarity	66.7%;	Pred. No. 49;		
Matches 8:	Conservative	4;	Mismatches	0;
			Indels	0;
			Gaps	0;

Qy 1206 CTGTTTGAGAAC 1217  
|:|::|:|:|:|  
Db 3 CUGUUUGAGAAC 14

```

RESULT 105
US-09-038-073-1224
; Sequence 1224, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038.073

```

```

; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1224:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-1224

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Query Match 0.7%; Score 12; DB 1; Length 15;  
Best Local Similarity 66.7%; Pred. No. 49;  
Matches 8: Conservative 4; Mismatches 0; Indels

Qy 1331 CTGCTCCTCTGA 1342  
|:|:|:|:|:|:|:  
Db 3 CUGCUCUCUGA 14

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RESULT 106
US-09-275-850-27/c
; Sequence 27, Application US/09275850A
; Patent No. 6261774
; GENERAL INFORMATION:
; APPLICANT: Pagratis, Nikos
; APPLICANT: Gold, Larry
; APPLICANT: Shtatland, Timur
; APPLICANT: Javornik, Brenda
; TITLE OF INVENTION: Truncation SELEX Method
; FILE REFERENCE: NEX 79
; CURRENT APPLICATION NUMBER: US/09/275,850A
; CURRENT FILING DATE: 1999-03-24
; NUMBER OF SEQ ID NOS: 351
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 27
; LENGTH: 15
; TYPE: RNA
; ORGANISM: E. coli
US-09-275-850-27

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Query Match	0.7%;	Score 12;	DB 1;	Length 15;
Best Local Similarity	100.0%;	Pred.No. 49;		
Matches 12;	Conservative	0;	Mismatches	0;
			Indels	0;
			Gaps	0;
QY	18	CCGCTGGTGCTG	29	
pb	14	CCGCTGGTGCTG	3	

RESULT 107  
US-08-584-040-8484/c  
; Sequence 8484, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 8484:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-8484

Query Match 0.7%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 49;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 992 TATGCTGATGCT 1003  
Db 14 TATGCTGATGCT 3

RESULT 108  
US-09-371-772B-4138/c  
Sequence 4138, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBHB00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 4138  
LENGTH: 15  
TYPE: RNA  
ORGANISM: Mus sp.  
US-09-371-772B-4138

Query Match 0.7%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 49;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 992 TATGCTGATGCT 1003  
Db 14 TATGCTGATGCT 3

Search completed: June 24, 2004, 10:12:31  
Job time : 2 secs

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